UXOPro

15 Park Avenue
Gaithersburg. MD 20877

Memorandum

From: Steve Willis
To: Wayne Miller
Date: January 15, 2018
Subject: January 15, 2018 Site visit to Former Williams Air Force Base Site SS017.

Mr. Miller:

I conducted a site visit to the Former Williams Air Force Base Site SS017 on January 15, 2018 to observe and document groundwater sampling activities.

After signing in at the main office trailer at Site ST012, I proceeded to the site of monitoring well B760-MW-14. This is the Site ST035 well that is used as a downgradient compliance monitoring point for site SS017. Garrett and Kyle from Amec were onsite. When I arrived, purging had just been completed and groundwater samples were being collected. I observed the groundwater sampling, removal of the pump from the well, and pump decontamination. The QED submersible pump was disassembled for cleaning in a Liquinox solution followed by a double rinse in tap water and deionized water. Dedicated polyethylene tubing is used for each well sampled. After completing decontamination, the decontamination water was disposed of in a holding tank at Site ST012.

We then proceeded to Site SS017, where I observed sampling of well SS017-MW01. Prior to sampling, the depth to groundwater was measured at 130.36-ft. below the top of the well casing (TOC). The water level probe remained in the well during sampling to measure the water level drawdown during purging. After setting the pump at 138-ft below ground surface, the discharge tube was attached to a YSI flow-through cell for measurement of field parameters (pH, Temperature, and EC). A Hach meter was used to measure turbidity. Approximately 10.8 liters of water was purged following low-flow sampling procedures. The water level measured at the time of sampling was 130.37-ft. below TOC.

Samples were collected in 1-liter amber glass jars and placed in a cooled ice chest following sampling. In accordance with the December 12, 2017 Field Variance Memo (FVM), the samples were to be submitted to Battelle Analytical Chemistry Services for analysis of pesticides using EPA Method SW8081A.

According to Garrett, a duplicate sample would be collected from well SS017-MW02. In addition, a performance sample, as described in the FVM, would also be submitted to Battelle.

In addition to observing the groundwater sampling, I noted the condition of the property with regards to the recent activities associated with the removal of lead-impacted soil. All soil stockpiles have been removed and the site has been graded. The ground surface was dry and there was no standing water.

Attachment 1 includes site photos taken during the visit.

Please contact me at (480) 316-3373 or e-mail at steve@uxopro.com if you have comments or questions regarding this memorandum.

Thank you,

UXOPro, Inc.

ATTACHMENT 1
SITE PHOTOS

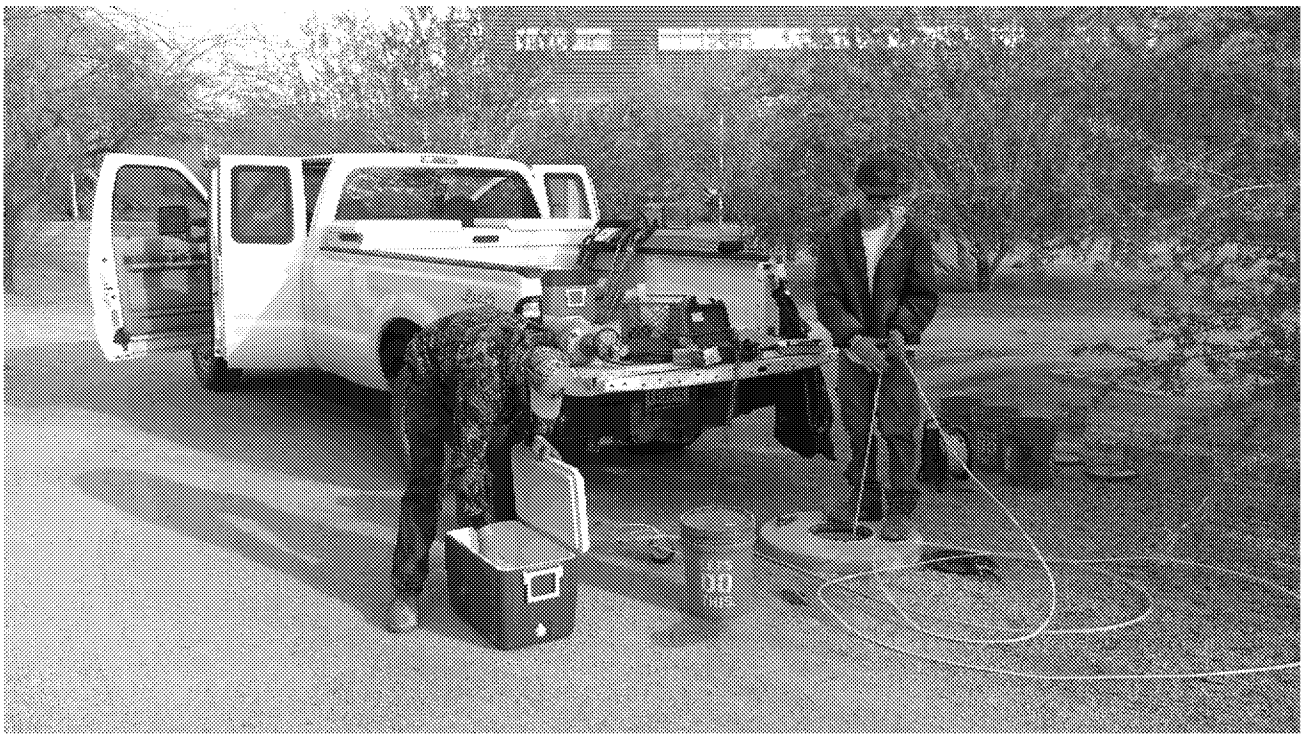

Photo 1. Getting set to pull the pump from well B760-MW14

Photo 2. Deconning the pump after sampling well B760-MW14

Photo 3. Sampling setup at well B760-MW01

Photo 4. Collecting samples at well B760-MW01

Photo 5. SS017 property looking south

Photo 6. SS017 property looking southwest from the northeast corner. Well B760-MW02 in foreground.